To: National standardization bodies,

The set of TC184 SC4 standards supports a variety of applications, which are kept under permanent review and adapted to technological trends. This enquiry is intended to identify any requirements for Draughting that need to be incorporated in the future SC4 development strategy.

In the area of draughting, the STEP standard already supports Explicit Draughting (AP 201) where the annotation entities are not related to the basic geometry, and Associative Draughting (AP 202) where the annotation entities are related to the basic geometry. SC4 has not yet addressed any requirement for generative draughting, where presentation of geometry and related annotation is derived from the basic geometry using a series of instructions.

Member bodies are invited to submit requirements for generative draughting,
including but not restricted to, one or more of the following areas:

- a definition about what is understood in your industries to be generative draughting
- business cases from industry, where generative draughting is a major requirement for communication
- examples of generative draughting, which would allow SC4 to develop an information model
- detailed requirements for generative draughting
- recommendations as how generative draughting would fit into the current architecture of SC4 standards, taking note of the parametrics activities
- a list of potential experts, who would be willing to participate in an initiative in SC4 to develop an extension of the current draughting solution in ISO 10303
- a list of potential industry partners or industry projects, which are aiming for generative draughting and are willing to co-operate with SC4

Please also respond if you consider that there is no requirement for SC4 standardisation of generative draughting, or the topic is out of scope.

Member bodies are also invited to submit any other statements of requirements for draughting that are not fulfilled by the existing published standard.

The closing date for inputs to the Bruno Schilli for processing is 31 January 2000.